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CERTIFICATION DESIGN LETTER FOR AREA 2, PHASE II – SUBAREA 3 IMPACTED MATERIAL HAUL ROAD

FERNALD CLOSURE PROJECT
FERNALD, OHIO

APRIL 2005

U.S. DEPARTMENT OF ENERGY

20450-RP-0007
REVISION 0
FINAL

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LIST OF ACRONYMS AND ABBREVIATIONS

A2PIIS3	Area 2, Phase II - Subarea 3
A2PIIS4	Area 2, Phase II - Subarea 4
ASCOC	area-specific constituent of concern
ASL	analytical support level
CDL	Certification Design Letter
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
COC	constituent of concern
CRDL	contract required detection limit
CU	certification unit
DOE	U.S. Department of Energy
DQO	Data Quality Objective
EPA	U.S. Environmental Protection Agency
EWF	Equipment Wash Facility
FCP	Fernald Closure Project
FRL	final remediation level
IMHR	Impacted Material Haul Road
MDL	minimum detection level
mg/kg	milligrams per kilogram
OEPA	Ohio Environmental Protection Agency
OU5	Operable Unit 5
pCi/g	picoCuries per gram
PSP	Project Specific Plan
QC	Quality Control
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
SCQ	Sitewide CERCLA Quality Assurance Project Plan
SED	Sitewide Environmental Database
SEP	Sitewide Excavation Plan
UCL	Upper Confidence Limit
V/FCN	Variance/Field Change Notice

EXECUTIVE SUMMARY

This Certification Design Letter (CDL) describes the certification approach for Area 2, Phase II - Subarea 3 (A2PIIS3) Impacted Material Haul Road (IMHR) from where it begins southeast of the Silos to where it ends on the southern end of the Equipment Wash Facility (EWF). The following information is included:

- The boundary (Figure 1-1) and a description of the area to be certified under the guidance of this CDL;
- A discussion of historical (predesign) data from the area proposed for certification;
- A discussion of the area-specific constituent of concern (ASCOC) selection process and list of ASCOCs assigned to A2PIIS3 - IMHR;
- A presentation of the certification unit (CU) boundaries;
- The analytical requirements and the statistical methodology employed; and
- The proposed schedule for the certification activities.

A2PIIS3 - IMHR is an area that consists of approximately 1.74 acres of paved road overlying areas that have been previously excavated to construct the road. It is bordered on the north by the Silos area, on the east by the Area 2, Phase II Subarea 4 (A2PIIS4) certified area and the EWF, and on the south and west by the A2PIIS4 certified area. Due to the results of predesign activities, the need for further remediation activities is not anticipated for this particular area and certification activities may begin.

The certification design presented in this CDL follows the general approach outlined in Section 3.4 of the Sitewide Excavation Plan (SEP, DOE 1998) and SEP Addendum (DOE 2001). It differs in that this certification effort will be through the existing pavement or gravel and of the underlying soil and will rely on the existing data collected during Predesign that has been upgraded to Analytical Support Level D as well as additional data gathered specifically for this purpose. The selection of A2PIIS3 - IMHR ASCOCs was accomplished using COC lists in the Operable Unit 5 Record of Decision (DOE 1996). Two CUs have been established to cover the A2PIIS3 - IMHR certification area – one for the road itself and one for the ditches along the northern half of the road (see Figure 4-1).

Total uranium, thorium-228, thorium-232, radium-226, and radium-228 (the sitewide primary radiological COCs) are considered ASCOCs for this CU. Additionally, arsenic is included as a secondary COC for this CU. No further soil remediation or characterization is needed because the predesign data demonstrate this area will pass the certification requirements.

The intent of this effort is to certify the soil beneath the pavement that may remain in place for routine traffic until completion of the Silos Project. This approach has been used in the past when certifying the impacted road in Area 1, Phase II Access Road Area. The IMHR is needed to provide general access to the Silos area during its operation. Certification of the soil under the road without excavation of the road itself is being done to minimize the waste that would be generated should the site remove the current road and build a new one after certification has been completed. As such, excavation may need to wait until Silos operations has been completed.

1.0 INTRODUCTION

This Certification Design Letter (CDL) describes the certification approach for demonstrating that soil under the road in Area 2, Phase II Subarea 3 (A2PIIS3) - Impacted Material Haul Road (IMHR) meets the final remediation levels (FRLs) for all area-specific constituents of concern (ASCOCs). The format of this CDL follows guidelines presented in the Sitewide Excavation Plan (SEP, DOE 1998). Accordingly, this CDL consists of six sections:

- Introduction - Presentation of the purpose, objectives, and scope of this CDL
- Historical Data - Presentation and discussion of historical (predesign) soil data from A2PIIS3 - IMHR
- Area-Specific Constituents of Concern - Discussion of selection criteria and ASCOCs for A2PIIS3 - IMHR
- Certification Approach - Presentation of design, sampling and analytical methodologies
- Schedule
- References

Just as with other parts of Area 2, certification of A2PIIS3 is being performed in several phases based on the required action for each of the different sections to be found in this area. This CDL deals only with the IMHR. The Equipment Wash Facility (EWF), Subcontractor Laydown Area, Trailer Complex Area, Aquifer Project Area, and the South Field Extraction System Valve House Area will be submitted for certification under different documentation.

1.1 OBJECTIVES

The primary objectives of this document are to:

- Define the boundaries of the area to be certified under the guidance of this CDL;
- Discuss historical (predesign) data collected from within the area proposed for certification;
- Define the ASCOC selection process and list the selected A2PIIS3 - IMHR ASCOCs;
- Present the certification unit (CU) boundaries;
- Summarize the analytical requirements and the statistical methodology employed; and
- Present the proposed schedule for the certification activities.

1.2 SCOPE AND AREA DESCRIPTION

A2PIIS3 - IMHR is an area of approximately 1.74 acres of paved road with gravel sides overlying previously excavated areas. It is bordered on the north by the Silos area, on the east by the Area 2,

Phase II - Subarea 4 (A2PIIS4) certified area and the EWF, and on the south and west by the A2PIIS4 certified area. The boundary for A2PIIS3 - IMHR is shown on Figure 1-1.

Due to the results of predesign activities, further remediation activities are not expected. The ASCOCs for the two CUs in this area are total uranium, thorium-228, thorium-232, radium-226, and radium-228 [the sitewide primary radiological constituents of concern (COCs)] as well as the secondary COC of arsenic.

This CDL differs from that of a typical CDL in that the predesign data will be used to demonstrate that the soil underlying the IMHR is ready for certification. Furthermore, this data will be presented in a Certification Report to comply with all certification protocols. Variance/Field Change Notice (V/FCN) 20450-PSP-0005-11 was written in order to utilize Data Quality Objective (DQO) SL-052, Sitewide Certification Sampling and Analysis. This variance documented the adjustments made to the Project Specific Plan (PSP) for the Predesign of Area 2, Phase II – Subarea 3 (Supplement to 20300-PSP-0011, DOE 2004) to allow the predesign samples to be analyzed for certification purposes and the applicable analytes affected. This was done to ensure the results received were consistent with the requirements of both the certification DQO as well as FD-1000, Sitewide Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Quality Assurance Plan (SCQ). All data will be validated to the same level as required for any certification effort. V/FCN 20450-PSP-0005-14 was written to add the sampling needed to complete the data set for the two CUs presented in this CDL. This variance directs the sampling along the former ditch line on both sides of the uncertified northern half of the IMHR as well as documenting archive samples for the CU associated with the road itself as well as those along the ditch lines. Both the surface and subsurface of the soil beneath the road will be demonstrated to be ready for certification as outlined in Section 3.4, Appendix G of the SEP and Section 3.4.8 of the SEP Addendum (DOE 2001).

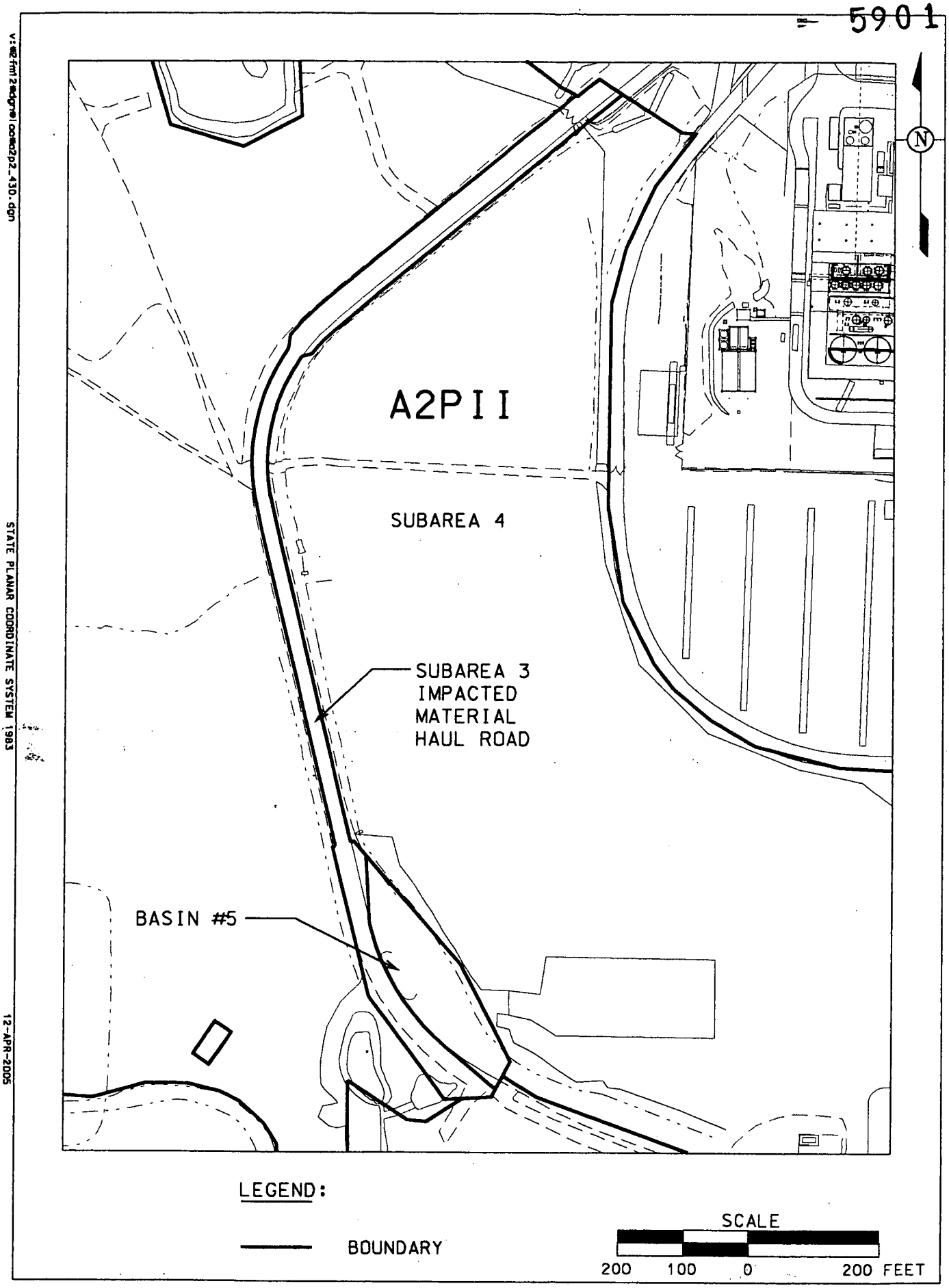

FIGURE 1-1. MAP OF THE IMPACTED MATERIAL HAUL ROAD

2.0 HISTORICAL DATA

The purpose of gathering historical data (in this case predesign data) from A2PIIS3 - IMHR is to determine if the area is ready for certification. Characterization data have been collected from A2PIIS3 - IMHR as part of the sampling activities proscribed by the A2PIIS3 Predesign PSP.

2.1 EXCAVATION HISTORY

The IMHR was originally built to support the South Field Excavation. The area was initially scraped to remove the topsoil which was stockpiled adjacent to the EWF and later certified clean as a soil pile to be used for restoration activities. Historical topo shows that a cut was necessary in this area to construct the road. After excavation of the proposed roadbed, the pavement was laid utilizing importing "clean" construction materials (i.e., materials not removed from the former production area or having the potential for containing radiological materials). Therefore, there was no soil fill beneath the road. All predesign samples were collected of native soil immediately beneath the roadbed.

2.2 PREDESIGN DATA

Before initiating the certification process, all pertinent historical soil data relative to A2PIIS3 - IMHR (in this case predesign data) were pulled from the Sitewide Environmental Database (SED). The historical sample data are presented in Appendix B of this CDL. No Remedial Investigation/Feasibility Study (RI/FS) data exists for the area within the IMHR.

Results of predesign sampling indicate that the data that are in the 0 to 0.5-foot soil interval immediately below the road surface meet the requirements for certification. A preliminary statistical analysis shows that the average concentration for all applicable ASCOCs in this area have been demonstrated to be below the FRLs within the confidence level. However, subsurface intervals at depths greater than 2.5 feet show elevated levels of radium-226 and arsenic. Therefore, as described in the addendum to the SEP, the subsurface data was compared to background levels on a population-to-population basis. The statistics also demonstrate that the levels of radium-226 and arsenic in the subsurface are consistent with the area background conditions. The results of predesign sampling and preliminary statistical analysis are provided in Appendix A.

3.0 AREA-SPECIFIC CONSTITUENTS OF CONCERN

In the Operable Unit 5 (OU5) Record of Decision (ROD, DOE 1996), there are 80 soil COCs with established FRLs. These COCs were retained for further investigation based on a screening process that considered the presence of the constituent in site soil and the potential risk to a receptor exposed to soil containing this contaminant. In spite of the conservative nature of this COC retention process, many of the COCs with established FRLs have a limited distribution in site soil or the presence of the COC is based on high contract required detection limits (CRDLs). When FRLs were established for these COCs in the OU5 ROD, the FRLs were initially screened against site data presented on spatial maps to establish a picture of potential remediation areas.

By reviewing existing RI/FS data presented on spatial distribution maps, the sitewide list of soil COCs in the OU5 ROD was reduced from 80 to 30. This reduction was possible because the majority of the COCs with FRLs listed in the OU5 ROD have no detections above their corresponding FRL, thus eliminating them from further consideration. The 30 remaining sitewide COCs account for over 99 percent of the combined risk to a site receptor model, and they comprise the list from which all of the remediation ASCOCs are drawn. When planning certification for a remediation area, additional selection criteria are used to derive a subset of these 30 COCs. This subset of COCs is passed along to the certification process.

3.1 SELECTION CRITERIA

All of the sitewide primary COCs (total uranium, radium-226, radium-228, thorium-232, and thorium-228) will be retained as ASCOCs for certification. The selection process for retaining secondary ASCOCs for a remediation area is driven by applying a set of decision criteria. A soil contaminant will be retained as an ASCOC if:

- It was retained as an ASCOC in adjacent Fernald Closure Project (FCP) soil remediation areas;
- It is listed as a soil COC in the OU5 ROD, and it is listed as an ASCOC in Table 2-7 of the SEP for the Remediation Area of interest;
- Analytical results show that a contaminant is present above its FRL, and the above-FRL concentrations are not attributable to false positives or elevated CRDLs;
- It can be traced to site use, either through process knowledge or known release of the constituent to the environment; and
- Physical characteristics of the contaminant, such as degradation rate and volatility, indicate it is likely to persist in the soil between time of release and remediation.

3.2 ASCOC SELECTION PROCESS FOR A2PIIS3 - IMHR

The A2PIIS3 Predesign PSP identified two primary COCs and six secondary COCs for this area. When the possibility of this data being used for certification purposes was identified, the three additional primary COCs were added using V/FCN 20450-PSP-0005-11. Also, additional sampling was done using V/FCN 20450-PSP-0005-14. The complete list of ASCOCs used for the IMHR is shown in Table 3-1.

Total uranium, radium-226, radium-228, thorium-228 and thorium-232 are sitewide primary COCs, and will be retained as ASCOCs for the A2PIIS3 CU. The remaining ASCOC (arsenic) to be evaluated during certification of the A2PIIS3 - IMHR CU is based on the suite of ASCOCs from above-FRL results on predesign samples. The selected A2PIIS3 - IMHR ASCOC for the CU(s) is listed on Table 3-1, along with it's applicable FRL. No other constituent in the predesign samples was present above the FRL.

Table 3-1 lists the ASCOCs that will be retained for sampling based on the above-listed criteria. The reason for constituent retention is included in the table.

TABLE 3-1
ASCOC LIST ASSOCIATED WITH A2PIIS3 - IMHR

ASCOC	FRL	Reason Retained
Total Uranium	82 mg/kg	Retained as a primary ASCOC sitewide
Radium-226	1.7 pCi/g	Retained as a primary ASCOC sitewide
Radium-228	1.8 pCi/g	Retained as a primary ASCOC sitewide
Thorium-228	1.7 pCi/g	Retained as a primary ASCOC sitewide
Thorium-232	1.5 pCi/g	Retained as a primary ASCOC sitewide
Technetium-99	30.0pCi/g	Retained as A2PIIS3 ASCOC
Arsenic	12 mg/kg	ASCOC for A2PIIS3 – above-FRL results
Beryllium	1.5 mg/kg	Retained as A2PIIS3 ASCOC
Lead	400 mg/kg	Retained as A2PIIS3 ASCOC
Benzo(a)pyrene	2.0 mg/kg	Retained as A2PIIS3 ASCOC
Dibenzo(a,h)anthracene	2.0 mg/kg	Retained as A2PIIS3 ASCOC

mg/kg – milligrams per kilogram
pCi/g – picoCuries per gram

4.0 CERTIFICATION APPROACH

4.1 CERTIFICATION DESIGN

The intent of this effort is to certify the soil beneath the pavement that may remain in place for routine traffic after the underlying soil has been certified. This approach has been used in the past when certifying the impacted road in Area 1, Phase II Access Road Area. Excavation may need to wait until Silos operations are completed. Currently, the road is needed to support the Silos Project. The current access road to the Silos area will be restricted due to radiation from the Silos staging area. The IMHR is needed to provide general access to the Silos area. Certification of the soil under the road and the former ditch lines on either side of the road without excavation of the road itself is being done to minimize the waste that would be generated should the site remove the current road and build a new one after certification has been completed. The certification design for A2PIIS3 - IMHR follows the general approach outlined in Section 3.4 of the SEP and the SEP Addendum. The CUs design and sample locations are depicted in Figures 4-1 and 4-2. Approach A from the SEP will be used as a basis for certification design, as described in Section 4.1 of the SEP. Two CUs were designed to encompass the entirety of the surface soil of the IMHR and associated ditch lines (see Figure 4-1).

Additionally, the subsurface will be compared to the background levels of the ASCOCs as described in the SEP addendum since the predesign data have indicated elevated levels at the 2.5 to 4.5-foot depths for radium-226 and arsenic. This information is available in Appendix A.

4.1.1 Sampling of the IMHR

As discussed previously in this document, the IMHR is an area of approximately 1.74 acres of paved road overlying areas previously excavated. Initial sampling of the IMHR done under the predesign PSP (see Figure 4-2 for initial sampling event locations) indicated that further remedial activity might not be necessary. The 92 samples collected from the initial sampling event supported this conclusion.

4.2 ANALYTICAL METHODOLOGY

Laboratory analysis of certification samples was conducted using approved analytical methods, as discussed in Appendix H of the SEP. The minimum detection level (MDL) was set at 10 percent of the FRL. Two sampling events were undertaken during predesign in the IMHR – the initial sampling event which included the original predesign samples and the follow-up sampling event which was done to collect additional sample points in support of the certification effort.

Because samples from the initial sampling event were originally requested at Analytical Support Level (ASL) B (as is appropriate for predesign samples), the field Quality Control (QC) required for ASL D were

not collected. For chemical analyses, where sufficient lab QC is routinely done to verify precision and accuracy of the data, this is of limited consequence. For the radiological samples, which do not routinely analyze the additional lab QC (duplicates), it was requested that the lab analyze two duplicates per analytical release to provide additional precision and accuracy information. This will be done to create the approximation of ASL D analyses. However, the analyses meet all other SCQ ASL D criteria. An ASL D data package will be provided for all of the analytical data for the required ASCOCs (see Table 3-1). All data will be validated to the same level as required for any certification effort.

The samples collected under V/FCN 20450-PSP-0005-14 (the follow-up event sampling - see Figure 4-2) met all the criteria required for certification samples.

4.3 STATISTICAL ANALYSIS

Once data are entered into the SED, a statistical analysis will be performed to evaluate the pass/fail criteria for the CUs. The statistical approach is discussed in Section 3.4.3, Appendix G of the SEP, and Section 3.4.8 of the SEP Addendum.

Surface Samples (0 to 6-inch)

Two criteria must be met for the CUs to pass certification. If the data distribution is normal or lognormal, the first criterion compares the 95 percent Upper Confidence Limit (UCL) on the mean of each primary COC to its FRL, or the 90 percent UCL on the mean of each secondary ASCOC. On an individual CU basis, any ASCOC with the 95 percent UCL for primary ASCOCs (or 90 percent UCL above the FRL for secondary COCs) results in that CU failing certification. If the data distribution is not normal or lognormal, the appropriate nonparametric approach discussed in Appendix G of the SEP will be used to evaluate the second criterion. The second criterion is the hot spot criterion, which states that primary or secondary ASCOC results must not exceed two times the FRL. When the given UCL on the mean for each COC is less than its FRL and the hot spot criterion is met, the CU will be considered certified.

In the event that the CU fails certification, the following scenarios will be evaluated: 1) a high variability in the data set, 2) localized contamination, and 3) widespread contamination. Details on the evaluation and responses to these possible outcomes are provided in Section 3.4.5 of the SEP. When the CUs within the scope of this CDL have passed certification, a certification report will be issued. The Certification Report will be submitted to the U.S. Environmental Protection Agency (EPA) and the Ohio Environmental Protection Agency (OEPA) to receive acknowledgement that the pertinent operable unit remedial action was completed and each individual CU is certified to be released for interim or final land use. Section 7.4 of the SEP provides additional details and describes the required content of the certification reports.

Subsurface Baseline Confirmation Samples (18-inches and greater)

As described in Section 3.4.8 of the SEP Addendum, statistical analyses for the baseline confirmation samples (subsurface) compare the subsurface soil data to background concentrations. If all of the baseline confirmation data in the entire area (i.e., 70 or more samples) to be certified are less than the 95th percentile background concentration for each COC, then the impacted area is not extended and the background area below/outside the impacted zone is considered certified. If any COC has a baseline confirmation result equal to or exceeding the 95th percentile background concentration, statistics of the baseline confirmation data set for each COC are evaluated. If those COC-specific baseline confirmation results are less than the corresponding background population, based on a population-to-population comparison (i.e., t-test or Wilcoxon tests) or cannot be differentiated at 99 percent UCL, then the original impacted zone is not extended and the zone below/outside the impacted area is considered certified.

If any COC-specific data population is higher than the background population, more statistical evaluations of the data are required. For example, all baseline confirmation data from any CU with concentration(s) higher than the 95th percentile background concentration will be grouped into a subset for evaluation. If the UCL of the mean of this subset of data for each COC is less than the 95th percentile background concentration, then the original impacted area is not extended, and the zone below/outside the impacted surface CU is considered certified.

If the UCL of the mean of this subset of data for any COC is greater than the 95th percentile background concentration, then a portion of the originally designated background zone will be designated as impacted. This newly designated impacted zone will require FRL certification. The reduced background certification area will require re-analyses using the remaining baseline confirmation data to confirm that background conditions exist. Guidelines of the baseline confirmation process are defined in the SEP Addendum, Section 3.4.5, Procedures for Non-Attainment Scenarios.

When the CUs within the scope of this CDL have passed certification, a Certification Report will be issued. The Certification Report will be submitted to the regulatory agencies to receive acknowledgment that the pertinent operable unit remedial actions were completed, and the CU is certified and may be released for interim or final land use. Section 7.4 of the SEP provides additional details and describes the required content of the Certification Report.

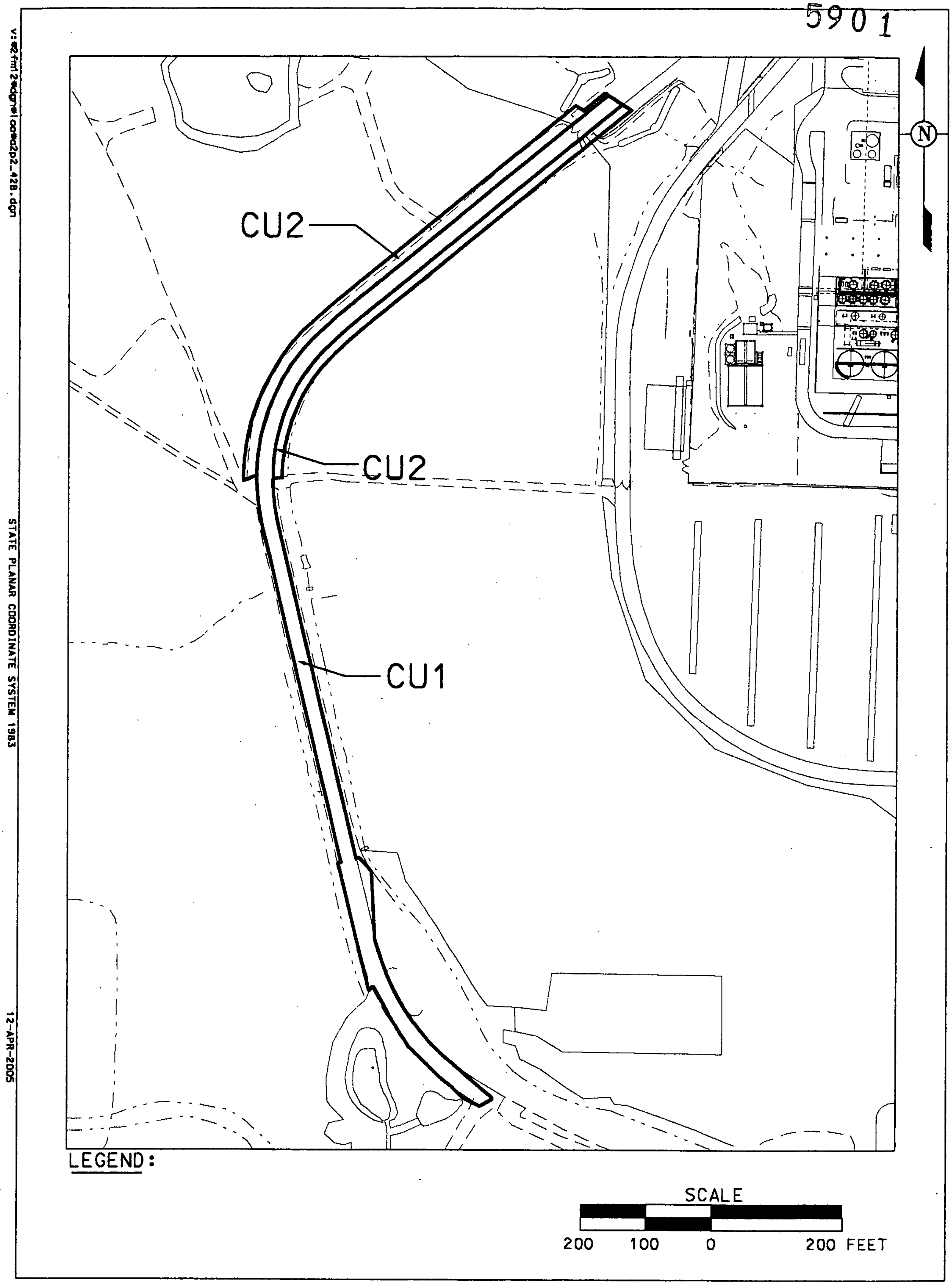

FIGURE 4-1. A2PIIS3 IMPACTED MATERIAL HAUL ROAD CU LOCATION MAP

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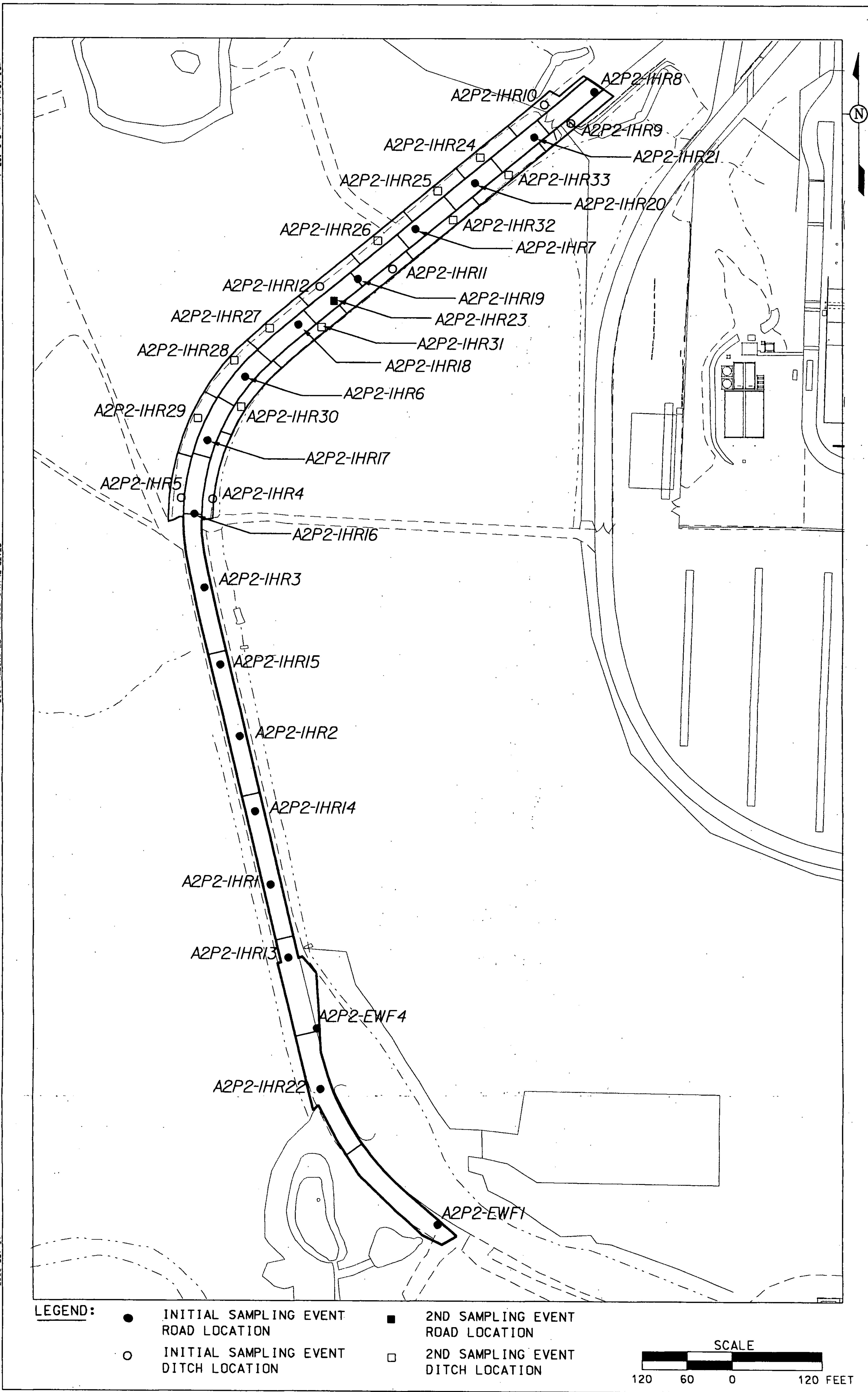

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FIGURE 4-2. A2PIIS3 IMPACTED MATERIAL HAUL ROAD - CU/SUB CU/SAMPLE LOCATION MAP

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5.0 SCHEDULE

The following draft schedule shows key activities for the completion of the work within the scope of this CDL. Implementation of this schedule is pending funding availability and property access. If necessary, an extension will be requested.

Activity	Target Date
Submittal of Certification Design Letter	April 18, 2005
Start of Follow-Up Sampling Event	April 18, 2005
Complete Field Work	April 25, 2005
Complete Analytical Work	May 25, 2005
Complete Data Validation and Statistical Analysis	June 1, 2005
Submit Certification Report	June 4, 2005*

*Only the date for submittal of the Certification Report is a commitment to the EPA and OEPA. Others dates are internal target completion dates.

REFERENCES

U.S. Department of Energy, 1996, "Record of Decision for Remedial Action at Operable Unit 5," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1998, "Sitewide Excavation Plan," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2001, "Addendum to the Sitewide Excavation Plan," Draft, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2004, "Project Specific Plan for the Predesign of Area 2, Phase II – Subarea 3 (Supplement to 20300-PSP-0011)" Revision 1, Fernald Closure Project, DOE, Fernald Area Office, Cincinnati, Ohio.

APPENDIX A

ANALYTICAL RESULTS AND STATISTICAL ANALYSIS OF SAMPLE DATA WITHIN A2PIIS3 - IMHR

APPENDIX A-1
SUBSURFACE STATISTICS FOR THE IMHR

Arsenic (mg/kg) Subsurface

	A2P2	Back
Samples	75	140
Average	8.98	7.54
Median	6.57	7.40
Std. Dev.	8.51	2.96
Minimum	0.51	0.69
Maximum	45.7	15.8
Lower Quartile	2.75	5.31
Upper Quartile	11.6	9.75
UCL-Mean (90%)	10.26	7.86
t-Test Prob.	**0.0712**	
F-test (SD) Prob.	**0.000**	
W-test (median) P	**0.5452**	
K-S (distr.) Prob.	**0.0041**	

INTERPRETATION
Not Significantly Different
Std. Dev. Different
Not Significantly Different
Distributions are different

CONCLUSION: Insufficient evidence to conclude that A2P2 is greater than Background.

Radium-226 (pCi/g) Subsurface

	A2P2	Back
Samples	75	140
Average	1.212	1.174
Median	1.170	1.267
Std. Dev.	0.367	0.302
Minimum	0.616	0.515
Maximum	2.900	1.687
Lower Quartile	0.980	0.880
Upper Quartile	1.380	1.435
UCL-Mean (95%)	1.283	1.216
t-Test Prob.	**0.409**	
F-test (SD) Prob.	**0.0497**	
W-test (median) P	**0.977**	
K-S (distr.) Prob.	**0.295**	

INTERPRETATION
Not Significantly Different
Std. Dev. Different
Not Significantly Different
Not Significantly Different

CONCLUSION: Insufficient evidence to conclude that A2P2 is greater than Background.

APPENDIX A-2
SUBSURFACE DATA

SampleID	Primary COC	Secondary COC	
	Radium-226 (pCi/g)	Arsenic (mg/kg)	
A2P2-EWF1^3	1.56	4.31	
A2P2-EWF1^5	1.53	1.01	U
A2P2-EWF1^7	1.12	7.69	
A2P2-EWF4^3	1.53	5.03	
A2P2-EWF4^5	2.9	28.4	
A2P2-EWF4^7	1.45	13.9	
A2P2-IHR1^3	1.33	9.76	
A2P2-IHR1^5	1.51	14.8	
A2P2-IHR1^7	2.19	38.5	
A2P2-IHR1^9	1.2	15.9	
A2P2-IHR1^11	1.38	11.2	
A2P2-IHR1^13	1.4	11.6	
A2P2-IHR10^3	1.28	14	
A2P2-IHR10^5	0.683	7.48	
A2P2-IHR10^7	0.616	4.68	
A2P2-IHR11^3	0.946	5.14	
A2P2-IHR11^5	0.824	10.1	
A2P2-IHR11^7	0.902	5.12	
A2P2-IHR12^3	0.978	4.47	
A2P2-IHR12^5	0.734	4.11	
A2P2-IHR12^7	0.771	3.48	
A2P2-IHR13^3	1.43	15.2	
A2P2-IHR13^5	1.84	31.9	
A2P2-IHR13^7	0.98	45.7	
A2P2-IHR14^3	1.06	4.95	
A2P2-IHR14^5	1.04	3.47	
A2P2-IHR14^7	1.05	6.85	
A2P2-IHR15^3	1.13	10.5	
A2P2-IHR15^5	0.959	6.35	
A2P2-IHR15^7	1.32	6.48	
A2P2-IHR16^3	0.909	10.9	
A2P2-IHR16^5	1.2	8.98	
A2P2-IHR16^7	1.69	15.3	
A2P2-IHR17^3	1.15	14.2	
A2P2-IHR17^5	1.45	11.6	
A2P2-IHR17^7	1.56	8.14	
A2P2-IHR18^3	1	9.32	

SampleID	Primary COC	Secondary COC	
	Radium-226 (pCi/g)	Arsenic (mg/kg)	
A2P2-IHR18^5	0.944	4.27	
A2P2-IHR18^7	0.825	2.64	
A2P2-IHR19^3	0.991	4.65	
A2P2-IHR19^5	1.03	1.07	U
A2P2-IHR19^7	1.15	7.5	
A2P2-IHR2^3	1.6	18.5	
A2P2-IHR2^5	1.48	17.1	
A2P2-IHR2^7	1.71	16.5	
A2P2-IHR2^9	0.924	6.57	
A2P2-IHR2^11	0.711	7.64	
A2P2-IHR2^13	0.715	4.24	
A2P2-IHR20^3	1.27	1.98	
A2P2-IHR20^5	1.36	2.78	
A2P2-IHR20^7	1.06	2.69	
A2P2-IHR21^3	1	3.84	
A2P2-IHR21^5	1.35	1.05	U
A2P2-IHR21^7	1.49	2.28	
A2P2-IHR3^3	1.07	1.92	U
A2P2-IHR3^5	0.983	1.01	U
A2P2-IHR3^7	1.28	2.64	U
A2P2-IHR4^3	1.28	3.61	U
A2P2-IHR4^5	1.22	4.84	U
A2P2-IHR4^7	1.29	8.15	U
A2P2-IHR5^3	1.1	11.3	
A2P2-IHR5^5	1.17	5.83	
A2P2-IHR5^7	1.33	13.5	
A2P2-IHR6^3	1.93	17	
A2P2-IHR6^5	1.35	5.5	U
A2P2-IHR6^7	1.03	25.3	
A2P2-IHR7^3	0.803	3.76	U
A2P2-IHR7^5	0.833	7.6	U
A2P2-IHR7^7	0.629	6.24	U
A2P2-IHR8^3	1.17	4.99	
A2P2-IHR8^5	1.33	5.33	
A2P2-IHR8^7	1.36	9.86	
A2P2-IHR9^3	1.19	11.1	
A2P2-IHR9^5	1.07	10.6	
A2P2-IHR9^7	1.29	13.3	

APPENDIX B

PREDESIGN SAMPLE DATA FOR A2PIIS3 - IMHR

APPENDIX B
PREDESIGN DATA FOR A2PIIS3 - IMHR

Boring	Sample ID	Sample Date	Sample Depth (feet)		Parameter	Result	Units	Qualifier	Northing	Easting
			Top	Bottom						
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Arsenic	3.68	mg/kg	J	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Benzo(a)pyrene	75.9	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Beryllium	0.475	mg/kg		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Dibenzo(a,h)anthracene	75.9	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Lead	9.67	mg/kg	J	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Radium-226	0.962	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Radium-228	0.81	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Technetium-99	0.0948	pCi/g	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Thorium-228	0.862	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Thorium-232	0.81	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^1-MRS	7/7/2004	0.0	0.5	Uranium, Total	6.34	mg/kg		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Arsenic	4.31	mg/kg	J	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Benzo(a)pyrene	78.2	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Beryllium	0.632	mg/kg		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Dibenzo(a,h)anthracene	78.2	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Lead	14.8	mg/kg	J	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Radium-226	1.56	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Radium-228	1.38	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Technetium-99	0.0412	pCi/g	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Thorium-228	1.5	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Thorium-232	1.38	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^3-MRS	7/7/2004	1.0	1.5	Uranium, Total	22.8	mg/kg		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Arsenic	1.01	mg/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Benzo(a)pyrene	82.2	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Beryllium	0.714	mg/kg		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Dibenzo(a,h)anthracene	82.2	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Lead	10.7	mg/kg	J	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Radium-226	1.53	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Radium-228	1.21	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Technetium-99	0.0261	pCi/g	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Thorium-228	1.39	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Thorium-232	1.21	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^5-MRS	7/7/2004	2.0	2.5	Uranium, Total	8.28	mg/kg		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Arsenic	7.69	mg/kg		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Benzo(a)pyrene	82.2	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Beryllium	0.404	mg/kg		478302.9	1347524

A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Dibenzo(a,h)anthracene	82.2	ug/kg	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Lead	8.97	mg/kg	J	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Radium-226	1.12	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Radium-228	0.823	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Technetium-99	-0.0731	pCi/g	U	478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Thorium-228	0.831	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Thorium-232	0.823	pCi/g		478302.9	1347524
A2P2-EWF1	A2P2-EWF1^7-MRS	7/7/2004	3.0	3.5	Uranium, Total	0	mg/kg	U	478302.9	1347524
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Arsenic	1.42	mg/kg	J	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Benzo(a)pyrene	77.9	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Beryllium	0.59	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Dibenzo(a,h)anthracene	77.9	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Lead	13.8	mg/kg	J	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Radium-226	1.25	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Radium-228	0.864	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Technetium-99	-0.0164	pCi/g	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Thorium-228	0.842	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Thorium-232	0.864	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^1-MRS	7/2/2004	0.0	0.5	Uranium, Total	9.7	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Arsenic	5.03	mg/kg	J	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Benzo(a)pyrene	85.7	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Beryllium	1.01	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Dibenzo(a,h)anthracene	85.7	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Lead	12.4	mg/kg	J	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Radium-226	1.53	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Radium-228	1.2	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Technetium-99	-0.163	pCi/g	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Thorium-228	1.24	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Thorium-232	1.2	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^3-MRS	7/2/2004	1.0	1.5	Uranium, Total	5.77	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Arsenic	28.4	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Benzo(a)pyrene	85.4	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Beryllium	1.17	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Dibenzo(a,h)anthracene	85.4	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Lead	18.1	mg/kg	J	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Radium-226	2.9	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Radium-228	1.2	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Technetium-99	-0.0351	pCi/g	U	478563.4	1347363

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A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Thorium-228	1.23	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Thorium-232	1.2	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^5-MRS	7/2/2004	2.0	2.5	Uranium, Total	3.04	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Arsenic	13.9	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Benzo(a)pyrene	88.1	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Beryllium	0.866	mg/kg		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Dibenzo(a,h)anthracene	88.1	ug/kg	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Lead	15.8	mg/kg	J	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Radium-226	1.45	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Radium-228	1.11	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Technetium-99	0.0168	pCi/g	U	478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Thorium-228	1.13	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Thorium-232	1.11	pCi/g		478563.4	1347363
A2P2-EWF4	A2P2-EWF4^7-MRS	7/2/2004	3.0	3.5	Uranium, Total	6.76	mg/kg		478563.4	1347363
A2P2-IHR1	A2P2-IHR1^11-MR	9/8/2004	5.0	5.5	Arsenic	11.2	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^11-MR	9/8/2004	5.0	5.5	Radium-226	1.38	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^13-MR	9/8/2004	6.0	6.5	Arsenic	11.6	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^13-MR	9/8/2004	6.0	6.5	Radium-226	1.4	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Arsenic	12.1	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Benzo(a)pyrene	80.7	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Beryllium	0.961	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Dibenzo(a,h)anthracene	80.7	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Lead	13.4	mg/kg	J	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Radium-226	1.47	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Radium-228	1.08	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Technetium-99	-0.0321	pCi/g	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Thorium-228	1.07	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Thorium-232	1.08	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^1-MRS	6/17/2004	0.0	0.5	Uranium, Total	5.43	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Arsenic	9.76	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Benzo(a)pyrene	80.8	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Beryllium	0.719	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Dibenzo(a,h)anthracene	80.8	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Lead	12.7	mg/kg	J	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Radium-226	1.33	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Radium-228	0.937	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Technetium-99	-0.411	pCi/g	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Thorium-228	0.928	pCi/g		478753.4	1347302

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A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Thorium-232	0.937	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^3-MRS	6/17/2004	1.0	1.5	Uranium, Total	6.66	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Arsenic	14.8	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Benzo(a)pyrene	85.1	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Beryllium	0.71	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Dibenzo(a,h)anthracene	85.1	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Lead	15.4	mg/kg	J	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Radium-226	1.51	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Radium-228	1.06	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Technetium-99	-0.606	pCi/g	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Thorium-228	1.05	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Thorium-232	1.06	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^5-MRS	6/17/2004	2.0	2.5	Uranium, Total	4.95	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Arsenic	38.5	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Benzo(a)pyrene	85.8	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Beryllium	0.878	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Dibenzo(a,h)anthracene	85.8	ug/kg	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Lead	25.8	mg/kg	J	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Radium-226	2.19	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Radium-228	1.26	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Technetium-99	-0.161	pCi/g	U	478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Thorium-228	1.37	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Thorium-232	1.26	pCi/g		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^7-MRS	6/17/2004	3.0	3.5	Uranium, Total	4.36	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^9-MR	9/8/2004	4.0	4.5	Arsenic	15.9	mg/kg		478753.4	1347302
A2P2-IHR1	A2P2-IHR1^9-MR	9/8/2004	4.0	4.5	Radium-226	1.2	pCi/g		478753.4	1347302
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Arsenic	8.87	mg/kg		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Benzo(a)pyrene	76.8	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Beryllium	0.532	mg/kg		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Dibenzo(a,h)anthracene	76.8	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Lead	13.1	mg/kg	J	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Radium-226	1.15	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Radium-228	0.963	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Technetium-99	0.0192	pCi/g	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Thorium-228	0.978	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Thorium-232	0.963	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^1-MRS	6/29/2004	0.0	0.5	Uranium, Total	5.89	mg/kg		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Arsenic	14	mg/kg		479798.1	1347663

A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Benzo(a)pyrene	80.5	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Beryllium	0.612	mg/kg		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Dibenzo(a,h)anthracene	80.5	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Lead	17.2	mg/kg	J	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Radium-226	1.28	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Radium-228	1.01	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Technetium-99	0.196	pCi/g	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Thorium-228	1.03	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Thorium-232	1.01	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^3-MRS	6/29/2004	1.0	1.5	Uranium, Total	6.83	mg/kg		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Arsenic	7.48	mg/kg	J	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Benzo(a)pyrene	73.8	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Beryllium	0.204	mg/kg		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Dibenzo(a,h)anthracene	73.8	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Lead	5.32	mg/kg	J	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Radium-226	0.683	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Radium-228	0.494	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Technetium-99	-0.278	pCi/g	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Thorium-228	0.5	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Thorium-232	0.494	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^5-MRS	6/29/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Arsenic	4.68	mg/kg	J	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Benzo(a)pyrene	76.8	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Beryllium	0.143	mg/kg	J	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Dibenzo(a,h)anthracene	76.8	ug/kg	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Lead	6.69	mg/kg	J	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Radium-226	0.616	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Radium-228	0.38	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Technetium-99	-0.0705	pCi/g	U	479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Thorium-228	0.385	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Thorium-232	0.38	pCi/g		479798.1	1347663
A2P2-IHR10	A2P2-IHR10^7-MRS	6/29/2004	3.0	3.5	Uranium, Total	1.96	mg/kg		479798.1	1347663
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Arsenic	4.75	mg/kg	J	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Benzo(a)pyrene	78.9	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Beryllium	0.527	mg/kg		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Dibenzo(a,h)anthracene	78.9	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Lead	13.4	mg/kg	J	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Radium-226	1.27	pCi/g		479580.9	1347461

APPENDIX B
PREDESIGN DATA FOR A2PIIS3 - IMHR

A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Radium-228	1.06	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Technetium-99	0.0443	pCi/g	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Thorium-228	1.08	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Thorium-232	1.06	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^1-MRS	6/24/2004	0.0	0.5	Uranium, Total	10.6	mg/kg		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Arsenic	5.14	mg/kg	J	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Benzo(a)pyrene	77.1	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Beryllium	0.516	mg/kg		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Dibenzo(a,h)anthracene	77.1	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Lead	7.77	mg/kg	J	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Radium-226	0.946	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Radium-228	0.76	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Technetium-99	0.0515	pCi/g	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Thorium-228	0.773	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Thorium-232	0.76	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^3-MRS	6/24/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Arsenic	10.1	mg/kg		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Benzo(a)pyrene	78.1	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Beryllium	0.351	mg/kg		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Dibenzo(a,h)anthracene	78.1	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Lead	7.14	mg/kg	J	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Radium-226	0.824	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Radium-228	0.616	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Technetium-99	-0.0928	pCi/g	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Thorium-228	0.624	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Thorium-232	0.616	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^5-MRS	6/24/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Arsenic	5.12	mg/kg	J	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Benzo(a)pyrene	81	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Beryllium	0.402	mg/kg		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Dibenzo(a,h)anthracene	81	ug/kg	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Lead	5.64	mg/kg	J	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Radium-226	0.902	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Radium-228	0.666	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Technetium-99	0.056	pCi/g	U	479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Thorium-228	0.677	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Thorium-232	0.666	pCi/g		479580.9	1347461
A2P2-IHR11	A2P2-IHR11^7-MRS	6/24/2004	3.0	3.5	Uranium, Total	5.14	mg/kg		479580.9	1347461

A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Arsenic	11.6	mg/kg		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Benzo(a)pyrene	82.2	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Beryllium	0.894	mg/kg		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Dibenzo(a,h)anthracene	82.2	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Lead	14.2	mg/kg	J	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Radium-226	1.35	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Radium-228	1.05	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Technetium-99	-0.0648	pCi/g	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Thorium-228	1.07	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Thorium-232	1.05	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^1-MRS	6/24/2004	0.0	0.5	Uranium, Total	0.288	mg/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Arsenic	4.47	mg/kg	J	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Benzo(a)pyrene	79.8	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Beryllium	0.838	mg/kg		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Dibenzo(a,h)anthracene	79.8	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Lead	9.78	mg/kg	J	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Radium-226	0.978	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Radium-228	0.7	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Technetium-99	-0.13	pCi/g	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Thorium-228	0.698	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Thorium-232	0.7	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^3-MRS	6/24/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Arsenic	4.11	mg/kg	J	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Benzo(a)pyrene	83.5	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Beryllium	0.314	mg/kg		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Dibenzo(a,h)anthracene	83.5	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Lead	6.91	mg/kg	J	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Radium-226	0.734	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Radium-228	0.551	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Technetium-99	-0.105	pCi/g	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Thorium-228	0.563	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Thorium-232	0.551	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^5-MRS	6/24/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Arsenic	3.48	mg/kg	J	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Benzo(a)pyrene	82.4	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Beryllium	0.335	mg/kg		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Dibenzo(a,h)anthracene	82.4	ug/kg	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Lead	4.86	mg/kg	U	479554.2	1347367

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A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Radium-226	0.771	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Radium-228	0.527	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Technetium-99	0.0478	pCi/g	U	479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Thorium-228	0.553	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Thorium-232	0.527	pCi/g		479554.2	1347367
A2P2-IHR12	A2P2-IHR12^7-MRS	6/24/2004	3.0	3.5	Uranium, Total	0	mg/kg	U	479554.2	1347367
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	3.0	3.5	Arsenic	12.8	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Benzo(a)pyrene	77.8	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Beryllium	0.594	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Dibenzo(a,h)anthracene	77.8	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Lead	14.9	mg/kg	J	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Radium-226	1.14	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Radium-228	0.841	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Technetium-99	0.0837	pCi/g	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Thorium-228	0.868	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Thorium-232	0.841	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^1-MRS	6/29/2004	0.0	0.5	Uranium, Total	0	mg/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Arsenic	15.2	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Benzo(a)pyrene	81	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Beryllium	0.68	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Dibenzo(a,h)anthracene	81	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Lead	18.5	mg/kg	J	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Radium-226	1.43	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Radium-228	1.02	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Technetium-99	-0.0111	pCi/g	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Thorium-228	1.05	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Thorium-232	1.02	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^3-MRS	6/29/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Arsenic	31.9	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Benzo(a)pyrene	86	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Beryllium	0.931	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Dibenzo(a,h)anthracene	86	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Lead	22.9	mg/kg	J	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Radium-226	1.84	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Radium-228	1.04	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Technetium-99	0.0208	pCi/g	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Thorium-228	1.11	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Thorium-232	1.04	pCi/g		478656.8	1347328

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A2P2-IHR13	A2P2-IHR13^5-MRS	6/29/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Arsenic	45.7	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Benzo(a)pyrene	79.6	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Beryllium	0.43	mg/kg		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Dibenzo(a,h)anthracene	79.6	ug/kg	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Lead	14.4	mg/kg	J	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Radium-226	0.98	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Radium-228	0.599	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Technetium-99	-0.232	pCi/g	U	478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Thorium-228	0.647	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Thorium-232	0.599	pCi/g		478656.8	1347328
A2P2-IHR13	A2P2-IHR13^7-MRS	6/29/2004	3.0	3.5	Uranium, Total	2.55	mg/kg		478656.8	1347328
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Arsenic	8.88	mg/kg		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Benzo(a)pyrene	78	ug/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Beryllium	0.431	mg/kg		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Dibenzo(a,h)anthracene	78	ug/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Lead	10.5	mg/kg	J	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Radium-226	1.02	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Radium-228	0.791	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Technetium-99	-0.0409	pCi/g	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Thorium-228	0.815	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Thorium-232	0.791	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^1-MRS	6/28/2004	0.0	0.5	Uranium, Total	0	mg/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Arsenic	4.95	mg/kg	J	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Benzo(a)pyrene	82	ug/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Beryllium	0.425	mg/kg		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Dibenzo(a,h)anthracene	82	ug/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Lead	9.91	mg/kg	J	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Radium-226	1.06	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Radium-228	0.857	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Technetium-99	0.0476	pCi/g	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Thorium-228	0.921	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Thorium-232	0.857	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^3-MRS	6/28/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Arsenic	3.47	mg/kg	J	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Benzo(a)pyrene	81	ug/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Beryllium	0.414	mg/kg		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Dibenzo(a,h)anthracene	81	ug/kg	U	478851.3	1347282

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A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Lead	9.42	mg/kg	J	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Radium-226	1.04	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Radium-228	0.831	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Technetium-99	-0.275	pCi/g	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Thorium-228	0.85	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Thorium-232	0.831	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^5-MRS	6/28/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Arsenic	6.85	mg/kg		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Benzo(a)pyrene	82	ug/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Beryllium	0.59	mg/kg		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Dibenzo(a,h)anthracene	82	ug/kg	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Lead	12.2	mg/kg	J	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Radium-226	1.05	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Radium-228	0.809	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Technetium-99	0.0374	pCi/g	U	478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Thorium-228	0.862	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Thorium-232	0.809	pCi/g		478851.3	1347282
A2P2-IHR14	A2P2-IHR14^7-MRS	6/28/2004	3.0	3.5	Uranium, Total	0	mg/kg	U	478851.3	1347282
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Arsenic	5.96	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Benzo(a)pyrene	77.4	ug/kg	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Beryllium	0.619	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Dibenzo(a,h)anthracene	77.4	ug/kg	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Lead	8.6	mg/kg	J	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Radium-226	1.06	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Radium-228	0.679	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Technetium-99	-0.242	pCi/g	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Thorium-228	0.66	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Thorium-232	0.679	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^1-MRS	6/28/2004	0.0	0.5	Uranium, Total	3.82	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Arsenic	10.5	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Benzo(a)pyrene	79.9	ug/kg	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Beryllium	0.7	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Dibenzo(a,h)anthracene	79.9	ug/kg	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Lead	11.5	mg/kg	J	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Radium-226	1.13	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Radium-228	0.97	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Technetium-99	-0.313	pCi/g	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Thorium-228	1.11	pCi/g		479048.7	1347236

A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Thorium-232	0.97	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^3-MRS	6/28/2004	1.0	1.5	Uranium, Total	6.8	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Arsenic	6.35	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Benzo(a)pyrene	79.6	ug/kg	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Beryllium	0.49	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.6	ug/kg	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Lead	9.92	mg/kg	J	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Radium-226	0.959	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Radium-228	0.753	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Technetium-99	-0.0683	pCi/g	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Thorium-228	0.761	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Thorium-232	0.753	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^5-MRS	6/28/2004	2.0	2.5	Uranium, Total	3.58	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Arsenic	6.48	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Benzo(a)pyrene	48.1	ug/kg	J	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Beryllium	0.48	mg/kg		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Dibenzo(a,h)anthracene	82.3	ug/kg	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Lead	19.3	mg/kg	J	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Radium-226	1.32	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Radium-228	1.06	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Technetium-99	0.377	pCi/g	U	479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Thorium-228	1.18	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Thorium-232	1.06	pCi/g		479048.7	1347236
A2P2-IHR15	A2P2-IHR15^7-MRS	6/28/2004	3.0	3.5	Uranium, Total	39.8	mg/kg		479048.7	1347236
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Arsenic	8.25	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Benzo(a)pyrene	77.9	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Beryllium	0.544	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Dibenzo(a,h)anthracene	77.9	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Lead	10.1	mg/kg	J	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Radium-226	1.03	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Radium-228	0.709	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Technetium-99	-0.116	pCi/g	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Thorium-228	0.708	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Thorium-232	0.709	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^1-MRS	6/28/2004	0.0	0.5	Uranium, Total	3.31	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Arsenic	10.9	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Benzo(a)pyrene	77.6	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Beryllium	0.73	mg/kg		479248.7	1347199

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A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Dibenzo(a,h)anthracene	77.6	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Lead	12.4	mg/kg	J	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Radium-226	0.909	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Radium-228	0.908	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Technetium-99	-0.191	pCi/g	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Thorium-228	0.966	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Thorium-232	0.908	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^3-MRS	6/28/2004	1.0	1.5	Uranium, Total	4.65	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Arsenic	8.98	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Benzo(a)pyrene	79.6	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Beryllium	0.61	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.6	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Lead	12.6	mg/kg	J	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Radium-226	1.2	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Radium-228	0.908	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Technetium-99	-0.233	pCi/g	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Thorium-228	0.901	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Thorium-232	0.908	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^5-MRS	6/28/2004	2.0	2.5	Uranium, Total	9.25	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Arsenic	15.3	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Benzo(a)pyrene	81.3	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Beryllium	0.81	mg/kg		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Dibenzo(a,h)anthracene	81.3	ug/kg	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Lead	17.4	mg/kg	J	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Radium-226	1.69	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Radium-228	1.19	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Technetium-99	-0.136	pCi/g	U	479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Thorium-228	1.22	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Thorium-232	1.19	pCi/g		479248.7	1347199
A2P2-IHR16	A2P2-IHR16^7-MRS	6/28/2004	3.0	3.5	Uranium, Total	7.95	mg/kg		479248.7	1347199
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Arsenic	7.8	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Benzo(a)pyrene	76.8	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Beryllium	0.614	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Dibenzo(a,h)anthracene	76.8	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Lead	11.7	mg/kg	J	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Radium-226	1.12	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Radium-228	0.702	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Technetium-99	-0.228	pCi/g	U	479347.2	1347217

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A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Thorium-228	0.669	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Thorium-232	0.702	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^1-MRS	6/28/2004	0.0	0.5	Uranium, Total	3.95	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Arsenic	14.2	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Benzo(a)pyrene	80.7	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Beryllium	1.07	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Dibenzo(a,h)anthracene	80.7	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Lead	16.5	mg/kg	J	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Radium-226	1.15	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Radium-228	0.917	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Technetium-99	-0.0419	pCi/g	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Thorium-228	0.935	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Thorium-232	0.917	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^3-MRS	6/28/2004	1.0	1.5	Uranium, Total	3.46	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Arsenic	11.6	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Benzo(a)pyrene	84.6	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Beryllium	1.01	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Dibenzo(a,h)anthracene	84.6	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Lead	16.8	mg/kg	J	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Radium-226	1.45	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Radium-228	1.12	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Technetium-99	0	pCi/g	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Thorium-228	1.11	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Thorium-232	1.12	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^5-MRS	6/28/2004	2.0	2.5	Uranium, Total	5.47	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Arsenic	8.14	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Benzo(a)pyrene	86.4	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Beryllium	1.11	mg/kg		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Dibenzo(a,h)anthracene	86.4	ug/kg	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Lead	18.1	mg/kg	J	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Radium-226	1.56	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Radium-228	1.35	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Technetium-99	-0.273	pCi/g	U	479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Thorium-228	1.4	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Thorium-232	1.35	pCi/g		479347.2	1347217
A2P2-IHR17	A2P2-IHR17^7-MRS	6/28/2004	3.0	3.5	Uranium, Total	4.66	mg/kg		479347.2	1347217
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Arsenic	0.971	mg/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Benzo(a)pyrene	78.4	ug/kg	U	479504.2	1347337

A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Beryllium	0.0812	mg/kg	J	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Dibenzo(a,h)anthracene	78.4	ug/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Lead	2.21	mg/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Radium-226	1.04	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Radium-228	0.814	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Technetium-99	0.0694	pCi/g	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Thorium-228	0.809	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Thorium-232	0.814	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^1-MRS	6/28/2004	0.0	0.5	Uranium, Total	4.77	mg/kg		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Arsenic	9.32	mg/kg		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Benzo(a)pyrene	80.3	ug/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Beryllium	0.551	mg/kg		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Dibenzo(a,h)anthracene	80.3	ug/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Lead	8.86	mg/kg	J	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Radium-226	1	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Radium-228	0.801	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Technetium-99	0.0194	pCi/g	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Thorium-228	0.853	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Thorium-232	0.801	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^3-MRS	6/28/2004	1.0	1.5	Uranium, Total	5.35	mg/kg		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Arsenic	4.27	mg/kg	J	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Benzo(a)pyrene	80.5	ug/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Beryllium	0.376	mg/kg		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Dibenzo(a,h)anthracene	80.5	ug/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Lead	8.03	mg/kg	J	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Radium-226	0.944	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Radium-228	0.669	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Technetium-99	0.163	pCi/g	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Thorium-228	0.657	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Thorium-232	0.669	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^5-MRS	6/28/2004	2.0	2.5	Uranium, Total	5.41	mg/kg		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Arsenic	2.64	mg/kg	J	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Benzo(a)pyrene	81.5	ug/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Beryllium	0.275	mg/kg		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Dibenzo(a,h)anthracene	81.5	ug/kg	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Lead	9.3	mg/kg	J	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Radium-226	0.825	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Radium-228	0.668	pCi/g		479504.2	1347337

A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Technetium-99	0.0449	pCi/g	U	479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Thorium-228	0.709	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Thorium-232	0.668	pCi/g		479504.2	1347337
A2P2-IHR18	A2P2-IHR18^7-MRS	6/28/2004	3.0	3.5	Uranium, Total	2.67	mg/kg		479504.2	1347337
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Arsenic	1.04	mg/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Benzo(a)pyrene	78.2	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Beryllium	0.598	mg/kg		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Dibenzo(a,h)anthracene	78.2	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Lead	6.34	mg/kg	J	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Radium-226	0.967	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Radium-228	0.768	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Technetium-99	-0.107	pCi/g	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Thorium-228	0.769	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Thorium-232	0.768	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^1-MRS	6/24/2004	0.0	0.5	Uranium, Total	5.64	mg/kg		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Arsenic	4.65	mg/kg	J	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Benzo(a)pyrene	79.2	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Beryllium	0.627	mg/kg		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Dibenzo(a,h)anthracene	79.2	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Lead	8.48	mg/kg	J	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Radium-226	0.991	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Radium-228	0.882	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Technetium-99	-0.396	pCi/g	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Thorium-228	0.934	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Thorium-232	0.882	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^3-MRS	6/24/2004	1.0	1.5	Uranium, Total	4.33	mg/kg		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Arsenic	1.07	mg/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Benzo(a)pyrene	79.7	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Beryllium	0.734	mg/kg		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.7	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Lead	7.66	mg/kg	J	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Radium-226	1.03	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Radium-228	0.83	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Technetium-99	-0.162	pCi/g	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Thorium-228	0.801	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Thorium-232	0.83	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^5-MRS	6/24/2004	2.0	2.5	Uranium, Total	0.0701	mg/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Arsenic	7.5	mg/kg		479564.4	1347416

APPENDIX B
PREDESIGN DATA FOR A2PIIS3 - IMHR

A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Benzo(a)pyrene	85.3	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Beryllium	0.811	mg/kg		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Dibenzo(a,h)anthracene	85.3	ug/kg	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Lead	15.3	mg/kg	J	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Radium-226	1.15	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Radium-228	1.05	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Technetium-99	0.0974	pCi/g	U	479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Thorium-228	1.07	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Thorium-232	1.05	pCi/g		479564.4	1347416
A2P2-IHR19	A2P2-IHR19^7-MRS	6/24/2004	3.0	3.5	Uranium, Total	4.19	mg/kg		479564.4	1347416
A2P2-IHR2	A2P2-IHR2^11-MR	9/9/2004	6.0	6.5	Arsenic	7.64	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^11-MR	9/9/2004	6.0	6.5	Radium-226	0.711	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^13-MR	9/9/2004	6.0	6.5	Arsenic	4.24	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^13-MR	9/9/2004	6.0	6.5	Radium-226	0.715	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Arsenic	2.88	mg/kg	J	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Benzo(a)pyrene	78.1	ug/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Beryllium	0.584	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Dibenzo(a,h)anthracene	78.1	ug/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Lead	9.87	mg/kg	J	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Radium-226	1.25	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Radium-228	0.963	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Technetium-99	0.46	pCi/g	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Thorium-228	0.986	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Thorium-232	0.963	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^1-MRS	6/23/2004	0.0	0.5	Uranium, Total	0	mg/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Arsenic	18.5	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Benzo(a)pyrene	82.3	ug/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Beryllium	0.894	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Dibenzo(a,h)anthracene	82.3	ug/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Lead	18.8	mg/kg	J	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Radium-226	1.6	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Radium-228	1.21	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Technetium-99	0.118	pCi/g	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Thorium-228	1.21	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Thorium-232	1.21	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^3-MRS	6/23/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Arsenic	17.1	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Benzo(a)pyrene	79.3	ug/kg	U	478951.9	1347260

A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Beryllium	0.892	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.3	ug/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Lead	19.6	mg/kg	J	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Radium-226	1.48	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Radium-228	0.908	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Technetium-99	0.484	pCi/g	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Thorium-228	0.872	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Thorium-232	0.908	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^5-MRS	6/23/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Arsenic	16.5	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Benzo(a)pyrene	83.3	ug/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Beryllium	0.802	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Dibenzo(a,h)anthracene	83.3	ug/kg	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Lead	16.4	mg/kg	J	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Radium-226	1.71	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Radium-228	1.02	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Technetium-99	0.382	pCi/g	U	478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Thorium-228	1.05	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Thorium-232	1.02	pCi/g		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^7-MRS	6/23/2004	3.0	3.5	Uranium, Total	3.87	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^9-MR	9/9/2004	4.0	4.5	Arsenic	6.57	mg/kg		478951.9	1347260
A2P2-IHR2	A2P2-IHR2^9-MR	9/9/2004	4.0	4.5	Radium-226	0.924	pCi/g		478951.9	1347260
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Arsenic	4.17	mg/kg	J	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Benzo(a)pyrene	77.6	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Beryllium	0.646	mg/kg		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Dibenzo(a,h)anthracene	77.6	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Lead	10.2	mg/kg	J	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Radium-226	1.01	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Radium-228	0.769	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Technetium-99	-0.0868	pCi/g	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Thorium-228	0.767	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Thorium-232	0.769	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^1-MRS	6/24/2004	0.0	0.5	Uranium, Total	0	mg/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Arsenic	1.98	mg/kg	J	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Benzo(a)pyrene	79.5	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Beryllium	0.863	mg/kg		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Dibenzo(a,h)anthracene	79.5	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Lead	14.4	mg/kg	J	479690.6	1347573

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A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Radium-226	1.27	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Radium-228	1.02	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Technetium-99	-0.0665	pCi/g	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Thorium-228	1.09	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Thorium-232	1.02	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^3-MRS	6/24/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Arsenic	2.78	mg/kg	J	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Benzo(a)pyrene	79.7	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Beryllium	0.665	mg/kg		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.7	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Lead	11.8	mg/kg	J	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Radium-226	1.36	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Radium-228	1.04	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Technetium-99	0.0539	pCi/g	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Thorium-228	1.03	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Thorium-232	1.04	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^5-MRS	6/24/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Arsenic	2.69	mg/kg	J	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Benzo(a)pyrene	83.6	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Beryllium	0.563	mg/kg		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Dibenzo(a,h)anthracene	83.6	ug/kg	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Lead	9.33	mg/kg	J	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Radium-226	1.06	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Radium-228	0.876	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Technetium-99	-0.178	pCi/g	U	479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Thorium-228	0.907	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Thorium-232	0.876	pCi/g		479690.6	1347573
A2P2-IHR20	A2P2-IHR20^7-MRS	6/24/2004	3.0	3.5	Uranium, Total	5.29	mg/kg		479690.6	1347573
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Arsenic	3.21	mg/kg	J	479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Benzo(a)pyrene	76.4	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Beryllium	0.58	mg/kg		479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Dibenzo(a,h)anthracene	76.4	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Lead	9.81	mg/kg	J	479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Radium-226	1.05	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Radium-228	0.795	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Technetium-99	-0.202	pCi/g	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Thorium-228	0.806	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Thorium-232	0.795	pCi/g		479755	1347650

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A2P2-IHR21	A2P2-IHR21^1-MRS	6/24/2004	0.0	0.5	Uranium, Total	0	mg/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Arsenic	3.84	mg/kg	J	479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Benzo(a)pyrene	76.7	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Beryllium	0.541	mg/kg		479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Dibenzo(a,h)anthracene	76.7	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Lead	7.54	mg/kg	J	479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Radium-226	1	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Radium-228	0.791	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Technetium-99	0.0619	pCi/g	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Thorium-228	0.824	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Thorium-232	0.791	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^3-MRS	6/24/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Arsenic	1.05	mg/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Benzo(a)pyrene	79	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Beryllium	0.875	mg/kg		479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Dibenzo(a,h)anthracene	79	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Lead	15.4	mg/kg	J	479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Radium-226	1.35	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Radium-228	1.07	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Technetium-99	0.132	pCi/g	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Thorium-228	1.08	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Thorium-232	1.07	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^5-MRS	6/24/2004	2.0	2.5	Uranium, Total	6.64	mg/kg		479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Arsenic	2.28	mg/kg	J	479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Benzo(a)pyrene	82.3	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Beryllium	1.01	mg/kg		479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Dibenzo(a,h)anthracene	82.3	ug/kg	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Lead	11.9	mg/kg	J	479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Radium-226	1.49	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Radium-228	1.19	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Technetium-99	-0.252	pCi/g	U	479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Thorium-228	1.14	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Thorium-232	1.19	pCi/g		479755	1347650
A2P2-IHR21	A2P2-IHR21^7-MRS	6/24/2004	3.0	3.5	Uranium, Total	0	mg/kg	U	479755	1347650
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Arsenic	2.32	mg/kg	J	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Benzo(a)pyrene	76.9	ug/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Beryllium	0.595	mg/kg		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Dibenzo(a,h)anthracene	76.9	ug/kg	U	479149.8	1347213

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A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Lead	9.93	mg/kg	J	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Radium-226	1.09	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Radium-228	0.727	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Technetium-99	0.301	pCi/g	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Thorium-228	0.729	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Thorium-232	0.727	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^1-MRS	6/23/2004	0.0	0.5	Uranium, Total	2.47	mg/kg		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Arsenic	1.92	mg/kg	J	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Benzo(a)pyrene	78.1	ug/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Beryllium	0.5	mg/kg		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Dibenzo(a,h)anthracene	78.1	ug/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Lead	6.84	mg/kg	J	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Radium-226	1.07	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Radium-228	0.751	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Technetium-99	0.264	pCi/g	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Thorium-228	0.782	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Thorium-232	0.751	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^3-MRS	6/23/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Arsenic	1.01	mg/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Benzo(a)pyrene	79.9	ug/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Beryllium	0.525	mg/kg		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.9	ug/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Lead	12.5	mg/kg	J	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Radium-226	0.983	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Radium-228	0.838	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Technetium-99	0.179	pCi/g	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Thorium-228	0.85	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Thorium-232	0.838	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^5-MRS	6/23/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Arsenic	2.64	mg/kg	J	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Benzo(a)pyrene	80.3	ug/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Beryllium	0.683	mg/kg		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Dibenzo(a,h)anthracene	80.3	ug/kg	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Lead	13.4	mg/kg	J	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Radium-226	1.28	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Radium-228	1.02	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Technetium-99	0.283	pCi/g	U	479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Thorium-228	0.955	pCi/g		479149.8	1347213

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A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Thorium-232	1.02	pCi/g		479149.8	1347213
A2P2-IHR3	A2P2-IHR3^7-MRS	6/23/2004	3.0	3.5	Uranium, Total	3.41	mg/kg		479149.8	1347213
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Arsenic	3.22	mg/kg	J	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Benzo(a)pyrene	78.9	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Beryllium	0.62	mg/kg		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Dibenzo(a,h)anthracene	78.9	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Lead	12.4	mg/kg	J	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Radium-226	1.14	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Radium-228	0.912	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Technetium-99	0.226	pCi/g	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Thorium-228	0.929	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Thorium-232	0.912	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^1-MRS	6/23/2004	0.0	0.5	Uranium, Total	10.9	mg/kg		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Arsenic	3.61	mg/kg	J	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Benzo(a)pyrene	79	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Beryllium	0.641	mg/kg		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Dibenzo(a,h)anthracene	79	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Lead	12.1	mg/kg	J	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Radium-226	1.28	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Radium-228	0.944	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Technetium-99	0.329	pCi/g	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Thorium-228	0.97	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Thorium-232	0.944	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^3-MRS	6/23/2004	1.0	1.5	Uranium, Total	7.44	mg/kg		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Arsenic	4.84	mg/kg	J	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Benzo(a)pyrene	79.9	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Beryllium	0.781	mg/kg		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.9	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Lead	12.4	mg/kg	J	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Radium-226	1.22	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Radium-228	1.02	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Technetium-99	0.293	pCi/g	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Thorium-228	0.994	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Thorium-232	1.02	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^5-MRS	6/23/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Arsenic	8.15	mg/kg		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Benzo(a)pyrene	71.2	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Beryllium	0.736	mg/kg		479268.8	1347224

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A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Dibenzo(a,h)anthracene	71.2	ug/kg	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Lead	13.9	mg/kg	J	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Radium-226	1.29	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Radium-228	1.22	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Technetium-99	-0.0846	pCi/g	U	479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Thorium-228	1.28	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Thorium-232	1.22	pCi/g		479268.8	1347224
A2P2-IHR4	A2P2-IHR4^7-MRS	6/23/2004	3.0	3.5	Uranium, Total	8.82	mg/kg		479268.8	1347224
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Arsenic	10.9	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Benzo(a)pyrene	76.6	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Beryllium	0.616	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Dibenzo(a,h)anthracene	76.6	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Lead	13.3	mg/kg	J	479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Radium-226	1.2	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Radium-228	0.876	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Technetium-99	0.141	pCi/g	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Thorium-228	1.01	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Thorium-232	0.876	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^1-MRS	6/28/2004	0.0	0.5	Uranium, Total	10.7	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Arsenic	11.3	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Benzo(a)pyrene	80.1	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Beryllium	0.636	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Dibenzo(a,h)anthracene	80.1	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Lead	15.7	mg/kg	J	479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Radium-226	1.1	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Radium-228	1.01	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Technetium-99	0.0316	pCi/g	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Thorium-228	0.989	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Thorium-232	1.01	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^3-MRS	6/28/2004	1.0	1.5	Uranium, Total	4.2	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Arsenic	5.83	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Benzo(a)pyrene	77.5	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Beryllium	0.518	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Dibenzo(a,h)anthracene	77.5	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Lead	11.6	mg/kg	J	479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Radium-226	1.17	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Radium-228	0.882	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Technetium-99	0.277	pCi/g	U	479270	1347182

A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Thorium-228	0.87	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Thorium-232	0.882	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^5-MRS	6/28/2004	2.0	2.5	Uranium, Total	4.63	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Arsenic	13.5	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Benzo(a)pyrene	80.3	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Beryllium	0.786	mg/kg		479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Dibenzo(a,h)anthracene	80.3	ug/kg	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Lead	14.8	mg/kg	J	479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Radium-226	1.33	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Radium-228	1.01	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Technetium-99	0.0609	pCi/g	U	479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Thorium-228	1.07	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Thorium-232	1.01	pCi/g		479270	1347182
A2P2-IHR5	A2P2-IHR5^7-MRS	6/28/2004	3.0	3.5	Uranium, Total	5.07	mg/kg		479270	1347182
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Arsenic	8.37	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Benzo(a)pyrene	81.5	ug/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Beryllium	1.06	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Dibenzo(a,h)anthracene	81.5	ug/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Lead	17.5	mg/kg	J	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Radium-226	1.43	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Radium-228	1.14	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Technetium-99	0.13	pCi/g	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Thorium-228	1.11	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Thorium-232	1.14	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^1-MRS	6/23/2004	0.0	0.5	Uranium, Total	4.24	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Arsenic	17	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Benzo(a)pyrene	85	ug/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Beryllium	1.13	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Dibenzo(a,h)anthracene	85	ug/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Lead	22.7	mg/kg	J	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Radium-226	1.93	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Radium-228	1.37	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Technetium-99	0.435	pCi/g	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Thorium-228	1.38	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Thorium-232	1.37	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^3-MRS	6/23/2004	1.0	1.5	Uranium, Total	3.89	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Arsenic	5.5	mg/kg	J	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Benzo(a)pyrene	84	ug/kg	U	479432.2	1347266

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A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Beryllium	0.486	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Dibenzo(a,h)anthracene	84	ug/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Lead	10.2	mg/kg	J	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Radium-226	1.35	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Radium-228	1.02	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Technetium-99	0.266	pCi/g	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Thorium-228	0.994	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Thorium-232	1.02	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^5-MRS	6/23/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Arsenic	25.3	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Benzo(a)pyrene	79.2	ug/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Beryllium	0.789	mg/kg		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Dibenzo(a,h)anthracene	79.2	ug/kg	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Lead	13.9	mg/kg	J	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Radium-226	1.03	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Radium-228	0.82	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Technetium-99	-0.0102	pCi/g	U	479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Thorium-228	0.846	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Thorium-232	0.82	pCi/g		479432.2	1347266
A2P2-IHR6	A2P2-IHR6^7-MRS	6/23/2004	3.0	3.5	Uranium, Total	0	mg/kg	U	479432.2	1347266
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Arsenic	2.9	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Benzo(a)pyrene	78	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Beryllium	0.479	mg/kg		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Dibenzo(a,h)anthracene	78	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Lead	7.4	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Radium-226	0.945	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Radium-228	0.764	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Technetium-99	0.228	pCi/g	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Thorium-228	0.783	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Thorium-232	0.764	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^1-MRS	6/23/2004	0.0	0.5	Uranium, Total	0	mg/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Arsenic	3.76	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Benzo(a)pyrene	79.5	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Beryllium	0.505	mg/kg		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Dibenzo(a,h)anthracene	79.5	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Lead	6.82	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Radium-226	0.803	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Radium-228	0.633	pCi/g		479631.6	1347492

A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Technetium-99	0.275	pCi/g	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Thorium-228	0.61	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Thorium-232	0.633	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^3-MRS	6/23/2004	1.0	1.5	Uranium, Total	0	mg/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Arsenic	7.6	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Benzo(a)pyrene	84	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Beryllium	0.416	mg/kg		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Dibenzo(a,h)anthracene	84	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Lead	7.23	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Radium-226	0.833	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Radium-228	0.677	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Technetium-99	0.496	pCi/g	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Thorium-228	0.683	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Thorium-232	0.677	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^5-MRS	6/23/2004	2.0	2.5	Uranium, Total	0	mg/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Arsenic	6.24	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Benzo(a)pyrene	81	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Beryllium	0.224	mg/kg		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Dibenzo(a,h)anthracene	81	ug/kg	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Lead	5.62	mg/kg	J	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Radium-226	0.629	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Radium-228	0.483	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Technetium-99	0.102	pCi/g	U	479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Thorium-228	0.488	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Thorium-232	0.483	pCi/g		479631.6	1347492
A2P2-IHR7	A2P2-IHR7^7-MRS	6/23/2004	3.0	3.5	Uranium, Total	0	mg/kg	U	479631.6	1347492
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Arsenic	5.65	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Benzo(a)pyrene	77.3	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Beryllium	0.617	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Dibenzo(a,h)anthracene	77.3	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Lead	11.6	mg/kg	J	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Radium-226	1.16	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Radium-228	0.779	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Technetium-99	0.233	pCi/g	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Thorium-228	0.776	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Thorium-232	0.779	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^1-MRS	6/24/2004	0.0	0.5	Uranium, Total	4.69	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Arsenic	4.99	mg/kg	J	479815.3	1347730

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A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Benzo(a)pyrene	79.5	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Beryllium	0.663	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Dibenzo(a,h)anthracene	79.5	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Lead	13.3	mg/kg	J	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Radium-226	1.17	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Radium-228	0.781	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Technetium-99	0.213	pCi/g	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Thorium-228	0.789	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Thorium-232	0.781	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^3-MRS	6/24/2004	1.0	1.5	Uranium, Total	5.66	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Arsenic	5.33	mg/kg	J	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Benzo(a)pyrene	79.7	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Beryllium	0.775	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Dibenzo(a,h)anthracene	79.7	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Lead	12.6	mg/kg	J	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Radium-226	1.33	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Radium-228	1.11	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Technetium-99	0.188	pCi/g	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Thorium-228	1.14	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Thorium-232	1.11	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^5-MRS	6/24/2004	2.0	2.5	Uranium, Total	5.82	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Arsenic	9.86	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Benzo(a)pyrene	80.4	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Beryllium	0.641	mg/kg		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Dibenzo(a,h)anthracene	80.4	ug/kg	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Lead	13.9	mg/kg	J	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Radium-226	1.36	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Radium-228	0.921	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Technetium-99	-0.166	pCi/g	U	479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Thorium-228	0.945	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Thorium-232	0.921	pCi/g		479815.3	1347730
A2P2-IHR8	A2P2-IHR8^7-MRS	6/24/2004	3.0	3.5	Uranium, Total	0	mg/kg	U	479815.3	1347730
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Arsenic	11.2	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Benzo(a)pyrene	80.3	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Beryllium	0.643	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Dibenzo(a,h)anthracene	80.3	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Lead	15.4	mg/kg	J	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Radium-226	1.36	pCi/g		479773.8	1347699

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A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Radium-228	0.971	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Technetium-99	-0.0416	pCi/g	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Thorium-228	0.977	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Thorium-232	0.971	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^1-MRS	6/29/2004	0.0	0.5	Uranium, Total	0	mg/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Arsenic	11.1	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Benzo(a)pyrene	78.1	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Beryllium	0.667	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Dibenzo(a,h)anthracene	78.1	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Lead	15	mg/kg	J	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Radium-226	1.19	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Radium-228	0.698	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Technetium-99	0.0377	pCi/g	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Thorium-228	0.679	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Thorium-232	0.698	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^3-MRS	6/29/2004	1.0	1.5	Uranium, Total	7.12	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Arsenic	10.6	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Benzo(a)pyrene	77.7	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Beryllium	0.484	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Dibenzo(a,h)anthracene	77.7	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Lead	12.5	mg/kg	J	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Radium-226	1.07	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Radium-228	0.663	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Technetium-99	0.0684	pCi/g	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Thorium-228	0.684	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Thorium-232	0.663	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^5-MRS	6/29/2004	2.0	2.5	Uranium, Total	2.95	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Arsenic	13.3	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Benzo(a)pyrene	79.4	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Beryllium	0.714	mg/kg		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Dibenzo(a,h)anthracene	79.4	ug/kg	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Lead	13.9	mg/kg	J	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Radium-226	1.29	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Radium-228	1.04	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Technetium-99	-0.162	pCi/g	U	479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Thorium-228	1.07	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Thorium-232	1.04	pCi/g		479773.8	1347699
A2P2-IHR9	A2P2-IHR9^7-MRS	6/29/2004	3.0	3.5	Uranium, Total	6.7	mg/kg		479773.8	1347699